

# Work Order ID 140690

January 13, 2016 3:37:06 PM

**\*140690\***

Page 1

Item ID: D4030-041 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Long Basket Assembly (350)  
 Start Date: 1/13/2016 Start Qty: 1.00 **\*1\*** Cust Item ID:  
 Required Date: 2/10/2016 Req'd Qty: 1.00 **\*1\*** Customer:  
 Reference:

Approvals: Process Plan: JA Date: **20160113** Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description                      | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|-----------------------------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| <b>Draw Nbr</b>                | <b>Revision Nbr</b>                           |                      |         |        |              |               |               |                  |                |
| D4030                          | D                                             |                      |         |        |              |               |               |                  |                |
| 100                            | Pick Kit                                      | 0.00                 |         |        |              |               |               |                  |                |
| <b>*100*</b>                   |                                               |                      |         |        |              |               |               |                  |                |
| Packaging                      | Memo                                          | 0.00                 |         |        |              |               |               |                  |                |
| Packaging                      |                                               |                      |         |        |              |               |               |                  |                |
| 110                            | Assemble as per dwg                           | 0.00                 |         |        |              |               |               |                  |                |
| <b>*110*</b>                   |                                               |                      |         |        |              |               |               |                  |                |
| HandFinish                     | Memo                                          | 0.02                 |         |        |              |               |               |                  |                |
| Hand Finishing                 |                                               |                      |         |        |              |               |               |                  |                |
| 120                            | QC5- Inspect part completeness to step on W/O | 0.00                 |         |        |              |               |               |                  |                |
| <b>*120*</b>                   |                                               |                      |         |        |              |               |               |                  |                |
| QC                             | Memo                                          | 0.00                 |         |        |              |               |               |                  |                |
| Quality Control                |                                               |                      |         |        |              |               |               |                  |                |

IX **DAS 26 989 FEB 08 2016**  
W f M 160216  
① **DAS 38 089 FEB 10 2016**

Work Order ID 140690

\*140690\*

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January 13, 2016 3:29:03 PM

Item ID: D4030-041 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Long Basket Assembly (350)  
 Start Date: 1/13/2016 Start Qty: 1.00 \*1\* Cust Item ID:  
 Required Date: 2/10/2016 Req'd Qty: 1.00 \*1\* Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

| Sequence ID/<br>Work Center ID | Operation<br>Description                    | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|---------------------------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| 130                            | Identify as per dwg & Stock Location: _____ | 0.00                 |         |        |              |               |               |                  |                |
| *130*                          | Packaging                                   |                      |         |        |              |               |               |                  |                |
|                                | Packaging                                   |                      |         |        |              |               |               |                  |                |
|                                | Memo                                        | PPP 140687           |         |        |              |               |               |                  |                |
| 140                            | QC21- Final Inspection - Work Order Release | 0.00                 |         |        |              |               |               |                  |                |
| *140*                          | QC                                          |                      |         |        |              |               |               |                  |                |
|                                | Quality Control                             |                      |         |        |              |               |               |                  |                |
|                                | Memo                                        |                      |         |        |              |               |               |                  |                |

1  
 Smf  
 16/1/16  
 MW FEB 10 2016  
 MW FEB 10 2016

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                              |                                                |                                                                                                                                                                                    |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |  |                                                                                                                    |  |
|--------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--|--|--------------------------------------------------------------------------------------------------------------------|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____ |                                                | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> |                                                            | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Thermoforming <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/><br/>           Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/><br/>           Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Quality <input type="checkbox"/><br/>           Other <input type="checkbox"/> </div> </div> |                                               |  |  |                                                                                                                    |  |
| Date :                                                       |                                                | Step #:                                                                                                                                                                            |                                                            | QTY Effective :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |  | MRB (QS1042) Approval                                                                                              |  |
| Description Work Order Deviation                             |                                                |                                                                                                                                                                                    |                                                            | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                               |  |  | Completed By<br><br><br>Lead hand / Supervisor<br>Approval Verification<br><br><br>QC / QA Coordinator<br>Approval |  |
|                                                              |                                                |                                                                                                                                                                                    |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |  |                                                                                                                    |  |
|                                                              |                                                |                                                                                                                                                                                    |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |  |                                                                                                                    |  |
| Root Cause                                                   |                                                | FAULT CATEGORY                                                                                                                                                                     |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |  |                                                                                                                    |  |
| Environment <input type="checkbox"/>                         | <input type="checkbox"/> No Re-verification    | <input type="checkbox"/> Pressure/Forced                                                                                                                                           | <input type="checkbox"/> Temperature/Cure                  | <input type="checkbox"/> Power Loss/Surge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> Positioned Wrong     |  |  |                                                                                                                    |  |
| Design <input type="checkbox"/>                              | <input type="checkbox"/> Operator              | <input type="checkbox"/> Bending                                                                                                                                                   | <input type="checkbox"/> Set-up                            | <input type="checkbox"/> Folio/Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> Outside Dimensions   |  |  |                                                                                                                    |  |
| Doc/Data <input type="checkbox"/>                            | <input type="checkbox"/> Offset/Setup          | <input type="checkbox"/> Centre Not Concentric                                                                                                                                     | <input type="checkbox"/> BOM/Route                         | <input type="checkbox"/> Grain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> Over/Under tolerance |  |  |                                                                                                                    |  |
| Equip/Tooling <input type="checkbox"/>                       | <input type="checkbox"/> Supplier              | <input type="checkbox"/> Cracks                                                                                                                                                    | <input type="checkbox"/> Broken/Damage/Defect              | <input type="checkbox"/> Weld                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/> Part Incorrect       |  |  |                                                                                                                    |  |
| Handling/Pre <input type="checkbox"/>                        | <input type="checkbox"/> Training              | <input type="checkbox"/> Crimp/Kink/Ripple/Wave                                                                                                                                    | <input type="checkbox"/> Inspection Incomplete/Unqualified | <input type="checkbox"/> Wrong Stock Pulled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Part Lost/Missing    |  |  |                                                                                                                    |  |
| Material <input type="checkbox"/>                            | <input type="checkbox"/> Use for Testing       | <input type="checkbox"/> Cuffs                                                                                                                                                     | <input type="checkbox"/> Contamination                     | <input type="checkbox"/> Out of Sequence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <input type="checkbox"/> Part Moved           |  |  |                                                                                                                    |  |
| Internal Transport <input type="checkbox"/>                  | <input type="checkbox"/> Poor Information      | <input type="checkbox"/> Crushing                                                                                                                                                  | <input type="checkbox"/> Countersink                       | <input type="checkbox"/> Off-set                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> Drawing              |  |  |                                                                                                                    |  |
| Tribal Knowledge <input type="checkbox"/>                    | <input type="checkbox"/> Rushing               | <input type="checkbox"/> Heat Treat                                                                                                                                                | <input type="checkbox"/> Cut Too Short                     | <input type="checkbox"/> Mislabeled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Finish               |  |  |                                                                                                                    |  |
| LOA <input type="checkbox"/>                                 | <input type="checkbox"/> Product Improvement   | <input type="checkbox"/> Wave/Twist in Tube                                                                                                                                        | <input type="checkbox"/> Instructions Incomplete/Unclear   | <input type="checkbox"/> Fit/Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> Misread              |  |  |                                                                                                                    |  |
| Substation <input type="checkbox"/>                          | <input type="checkbox"/> Process Improvement   | <input type="checkbox"/> Marks/Chatter                                                                                                                                             | <input type="checkbox"/> Drill Holes                       | <input type="checkbox"/> Misaligned/off center                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> Turning Sequence     |  |  |                                                                                                                    |  |
| Past Expiry Date <input type="checkbox"/>                    | <input type="checkbox"/> Manufacturing Process | OTHER : _____                                                                                                                                                                      |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |  |                                                                                                                    |  |
| Misidentified <input type="checkbox"/>                       | <input type="checkbox"/> Past Due              |                                                                                                                                                                                    |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |  |  |                                                                                                                    |  |

# Picklist Print

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Page 1

Work Order ID: 140690

**\*140690\***

Parent Item: D4030-041

**\*D4030-041\***

Parent Item Name: Long Basket Assembly (350)

Start Date: 1/13/2016

Required Date: 2/10/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A new issue DD 10.03.23 verified by:EC IPP Rev:B as per dwg revB DD 10.04.20 verified by:EC IPP Rev:C as per dwg revC DD 10.08.18 verified by:EC IPP Rev D 12.03.27 per NCR12-1239 EC verified by:JLM

| Component Item ID/<br>Item Name                                                                         | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------------------------------------------------------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| D2530<br><b>*D2530*</b><br>Handle Weldment                                                              |                        | Manufactured  | No          |                     |                  | 100             | Each               | 7.0000         | 1           | 1            |               |                |        |
| **                                                                                                      |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |
| B137070 (1x) all 16/02/16                                                                               |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |
| <div> <div>Location</div> <div>ST379</div> <div>Loc Qty</div> <div>7</div> <div>Loc Code</div> </div>   |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |
| <div> <div>Location</div> <div>139447</div> <div>Loc Qty</div> <div>7</div> <div>Loc Code</div> </div>  |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |
| D2535<br><b>*D2535*</b><br>Spring                                                                       |                        | Manufactured  | No          |                     |                  | 100             | Each               | 92.0000        | 2           | 2            |               |                |        |
| **                                                                                                      |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |
| <div> <div>Location</div> <div>ST008</div> <div>Loc Qty</div> <div>17</div> <div>Loc Code</div> </div>  |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |
| <div> <div>Location</div> <div>137337</div> <div>Loc Qty</div> <div>17</div> <div>Loc Code</div> </div> |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |
| <div> <div>Location</div> <div>ST012a</div> <div>Loc Qty</div> <div>75</div> <div>Loc Code</div> </div> |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |
| <div> <div>Location</div> <div>138588</div> <div>Loc Qty</div> <div>25</div> <div>Loc Code</div> </div> |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |
| <div> <div>Location</div> <div>139657</div> <div>Loc Qty</div> <div>50</div> <div>Loc Code</div> </div> |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |
| D2537<br><b>*D2537*</b><br>Bushing                                                                      |                        | Manufactured  | No          |                     |                  | 100             | Each               | 49.0000        | 2           | 2            |               |                |        |
| **                                                                                                      |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |
| <div> <div>Location</div> <div>ST008</div> <div>Loc Qty</div> <div>49</div> <div>Loc Code</div> </div>  |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |
| <div> <div>Location</div> <div>135535</div> <div>Loc Qty</div> <div>9</div> <div>Loc Code</div> </div>  |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |
| <div> <div>Location</div> <div>137921</div> <div>Loc Qty</div> <div>20</div> <div>Loc Code</div> </div> |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |
| <div> <div>Location</div> <div>139004</div> <div>Loc Qty</div> <div>20</div> <div>Loc Code</div> </div> |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |
| D3913-041<br><b>*D3913-041*</b><br>Long Basket Base Assembly, 350                                       |                        | Manufactured  | No          |                     |                  | 100             | Each               | 0.0000         | 1           | 1            |               |                |        |
| **                                                                                                      |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |
| B140693 (1x) all 16/02/16                                                                               |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |

DAS  
26  
9-89

DAS  
26  
9-89

DAS  
26  
9-89

DAS  
26  
9-89

FEB 09 2016

# Picklist Print

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Work Order ID: 140690

**\*140690\***

Parent Item: D4030-041

**\*D4030-041\***

Parent Item Name: Long Basket Assembly (350)

Start Date: 1/13/2016

Required Date: 2/10/2016

Start Qty: 1.00

Required Qty: 1.00

D3914-041

Manufactured No

100 Each

0.0000

1 1

**\*D3914-041\***

Long Basket Lid Assembly (350)

D3917-3

Manufactured No

100 Each

58.0000

6 6

**\*D3917-3\***

Washer

\*\*

\*\*

B140695 (12) All 16/02/16

Location

Loc Qty

Loc Code

ST058

8

137917

8

ST064A

50

138960

25

139546

25

D3953-3

Manufactured No

100 Each

37.0000

2 2

**\*D3953-3\***

Gas Spring Stud, Lid

\*\*

Location

Loc Qty

Loc Code

ST0062

16

136645

16

ST064A

21

138388

21

D3953-7

Manufactured No

100 Each

72.0000

2 2

**\*D3953-7\***

Spring Spacer

\*\*

Location

Loc Qty

Loc Code

ST062

12

137919

12

ST064A

60

138972

60

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Work Order ID: 140690

**\*140690\***

Parent Item: D4030-041

**\*D4030-041\***

Parent Item Name: Long Basket Assembly (350)

Start Date: 1/13/2016

Required Date: 2/10/2016

Start Qty: 1.00

Required Qty: 1.00

D3953-9

Manufactured No

100

Each

37.0000

2

2

**\*D3953-9\***

Gas Spring Washer

**\*\***

DAS  
26  
9-89

Location

Loc Qty

Loc Code

ST062

14

135544

14

ST064A

23

139013

23

D3953-17

Manufactured No

100

Each

23.0000

2

2

**\*D3953-17\***

Gas Spring Spacer

**\*\***

Location

Loc Qty

Loc Code

ST062

23

136481

23

D3953-19

Manufactured No

100

Each

1.0000

1

**\*D3953-19\***

Gas Spring Bracket

**\*\***

Location

Loc Qty

Loc Code

ST062

1

137903

1

D3953-21

Manufactured No

100

Each

13.0000

1

1

**\*D3953-21\***

Gas Spring Bracket

**\*\***

Location

Loc Qty

Loc Code

ST063

13

132602

13

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DAS  
26  
9-89

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Work Order ID: 140690

Parent Item: D4030-041

Parent Item Name: Long Basket Assembly (350)

**\*140690\***

**\*D4030-041\***

Start Date: 1/13/2016

Required Date: 2/10/2016

Start Qty: 1.00

Required Qty: 1.00

D3969-3 Manufactured No

100 Each 21.0000 1 1

**\*D3969-3\***

Spring (Basket Lid)

**\*\***

DAS  
26  
9-89

Location

Loc Qty

Loc Code

ST365

21

136918

1

~~137894~~

10

138889

10

AN3-14A

Purchased No

100 Each 58.0000 4 4

**\*AN3-14A\***

Bolt

**\*\***

DAS  
26  
9-89

Location

Loc Qty

Loc Code

ST349

58

m133363

58

AN3-16A

Purchased No

100 Each 137.0000 2 2

**\*AN3-16A\***

Bolt

**\*\***

DAS  
26  
9-89

Location

Loc Qty

Loc Code

GA

45

117441

45

ST348

92

M133790

92

AN5-17A

Purchased No

100 Each 67.0000 4 4

**\*AN5-17A\***

Bolt

**\*\***

DAS  
26  
9-89

Location

Loc Qty

Loc Code

GA

36

117872

36

ST337

31

m133077

31

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Work Order ID: 140690

\*140690\*

Parent Item: D4030-041

\*D4030-041\*

Parent Item Name: Long Basket Assembly (350)

Start Date: 1/13/2016

Required Date: 2/10/2016

Start Qty: 1.00

Required Qty: 1.00

AN4-12 Purchased No

100 Each 45.0000 3 3

**\*AN4-12\***

Bolt

\*\*

DAS  
26  
9-89

Location

Loc Qty

Loc Code

ST344

45

m132317

1

m133363

25

m133578

19

3x

AN310-4

Purchased No

100 Each 83.0000 3 3

**\*AN310-4\***

Nut

\*\*

DAS  
26  
9-89

Location

Loc Qty

Loc Code

GA

25

M127815

25

ST331

58

M133483

33

M133790

25

3x

AN310C4

Purchased No

100 Each 51.0000 2 2

**\*AN310C4\***

Nut

\*\*

DAS  
26  
9-89

Location

Loc Qty

Loc Code

ST331

51

M132344

3

M133483

28

M133694

20

2x

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Work Order ID: 140690

Parent Item: D4030-041

Parent Item Name: Long Basket Assembly (350)

**\*140690\***

**\*D4030-041\***

Start Date: 1/13/2016

Required Date: 2/10/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Purchased

No

100

Each

1,111.000

6

6

**\*MS21042L3\***

Nut

\*\*

M134039

DAS  
26  
9-89

Location

Loc Qty

Loc Code

FP001

163

m133790

163

GA

212

m133790

212

ST304

736

m133790

736

MS21042L5

Purchased

No

100

Each

388.0000

4

4

**\*MS21042L5\***

Nut

\*\*

DAS  
26  
9-89

Location

Loc Qty

Loc Code

GA

146

m127813

146

ST303

242

m133577

142

m133790

100

MS24665-151

Purchased

No

100

Each

138.0000

3

3

**\*MS24665-151\***

Cotter Pin

\*\*

DAS  
26  
9-89

Location

Loc Qty

Loc Code

GA

64

m128401

64

ST289

74

m133769

74

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3x

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Work Order ID: 140690

Parent Item: D4030-041

Parent Item Name: Long Basket Assembly (350)

\*140690\*

\*D4030-041\*

Start Date: 1/13/2016

Required Date: 2/10/2016

Start Qty: 1.00

Required Qty: 1.00

MS24665-300

Purchased

No

100

Each

77.0000

2

2

\*MS24665-300\*

COTTER PIN

\*\*

Location

Loc Qty

Loc Code

GA

30

118234

30

ST288

47

M128812

47

NAS1149F0432P

Purchased

No

100

Each

805.0000

6

\*NAS1149F0432P\*

WASHER

\*\*

Location

Loc Qty

Loc Code

ST260a

600

M133938

600

ST262

45

M133709

45

st268

160

M128995

35

M132677

125

NAS1149F0563P

Purchased

No

100

Each

180.0000

4

4

\*NAS1149F0563P\*

Washer

\*\*

Location

Loc Qty

Loc Code

ST262

180

m133515

180

FEB 09 2016

# Picklist Print

January 13, 2016 3:29:10 PM

Page 8

Work Order ID: 140690

**\*140690\***

Parent Item: D4030-041

**\*D4030-041\***

Parent Item Name: Long Basket Assembly (350)

Start Date: 1/13/2016

Required Date: 2/10/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0332P

Purchased

No

100

Each

1,489.000

8

8

**\*NAS1149F0332P\***

Washer

**\*\***

DAS  
26  
9-89

m134055

Location

Loc Qty

Loc Code

GA

458

m133709

458

ST262

1031

m133709

231

m133938

800

NAS1149C0432R

Purchased

No

100

Each

1,131.000

2

2

**\*NAS1149C0432R\***

WASHER

**\*\***

DAS  
26  
9-89

FEB 09 2016

Location

Loc Qty

Loc Code

GA

822

m125807

428

m133790

394

ST266

309

m131467

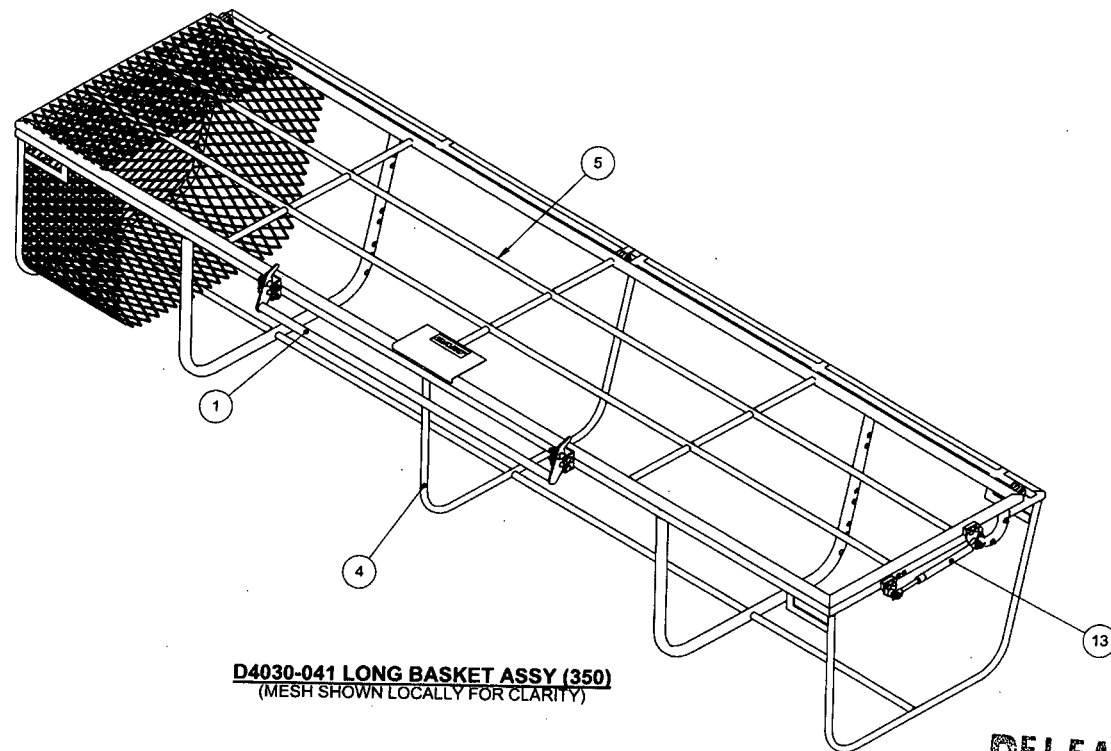
67

m133577

242

24.

| ITEM | QTY | P/N           | DESCRIPTION                 |
|------|-----|---------------|-----------------------------|
|      | X   | D4030-041     | LONG BASKET ASSY (350)      |
| 1    | 1   | D2530         | HANDLE WELDMENT             |
| 2    | 2   | D2535         | SPRING                      |
| 3    | 2   | D2537         | BUSHING                     |
| 4    | 1   | D3913-041     | LONG BASKET BASE ASSY (350) |
| 5    | 1   | D3914-041     | LONG BASKET LID ASSY (350)  |
| 6    | 6   | D3917-3       | WASHER                      |
| 7    | 2   | D3953-3       | GAS SPRING STUD, LID        |
| 8    | 2   | D3953-7       | GAS SPRING SPACER           |
| 9    | 2   | D3953-9       | GAS SPRING WASHER           |
| 10   | 2   | D3953-17      | GAS SPRING SPACER           |
| 11   | 1   | D3953-19      | GAS SPRING BRACKET          |
| 12   | 1   | D3953-21      | GAS SPRING BRACKET          |
| 13   | 1   | D3969-3       | SPRING                      |
| 14   | 4   | AN3-14A       | BOLT, MACHINE               |
| 15   | 2   | AN3-16A       | BOLT, MACHINE               |
| 16   | 3   | AN4-12        | BOLT, MACHINE               |
| 17   | 4   | AN5-17A       | BOLT, MACHINE               |
| 18   | 2   | AN310C4       | NUT, PLAIN, CASTELLATED     |
| 19   | 3   | AN310-4       | NUT, PLAIN, CASTELLATED     |
| 20   | 6   | MS21042L3     | NUT, SELF-LOCKING           |
| 21   | 4   | MS21042L5     | NUT, SELF-LOCKING           |
| 22   | 2   | MS24665-300   | COTTER PIN                  |
| 23   | 3   | MS24665-151   | COTTER PIN                  |
| 24   | 2   | NAS1149C0432R | WASHER                      |
| 25   | 6   | NAS1149F0432P | WASHER                      |
| 26   | 8   | NAS1149F0332P | WASHER                      |
| 27   | 4   | NAS1149F0563P | WASHER                      |



**D4030-041 LONG BASKET ASSY (350)**  
(MESH SHOWN LOCALLY FOR CLARITY)

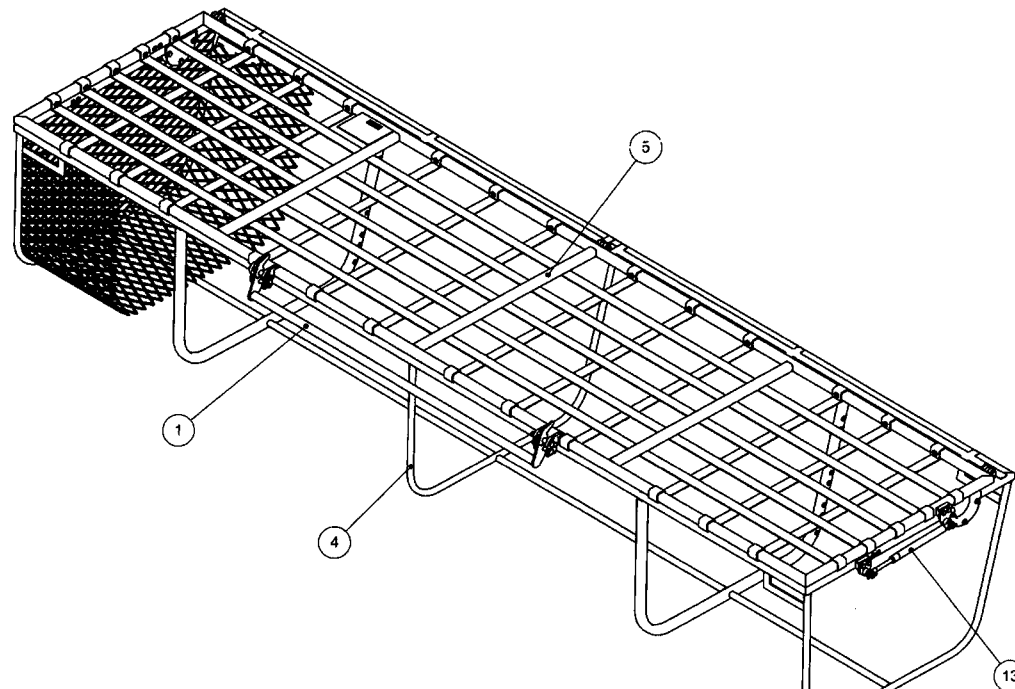
**RELEASED**  
2013-08-16

SH 120160113 140690

|            |                                                                                                                                        |                                                                                                                                                                                                                                                                         |              |
|------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| D          | REFORMAT FOR CLARITY. PICTORIAL UPDATE TO MULTIPLE VIEWS DUE TO CHANGES IN SUB ASSEMBLIES.                                             | AJS                                                                                                                                                                                                                                                                     | 13.07.18     |
| C          | QTY FOR ITEMS #30 & #31 UNDER -043 WERE MISSING (BB-1); QTY FOR ITEM #3 WAS 4 (D3-1). ONLY 2 ARE REQUIRED, AFFECTS SECTION C-C (D3-3). | MB                                                                                                                                                                                                                                                                      | 10.07.23     |
| B          | AN5-21A BOLT WAS AN5-19A: BOM & (D3-3)                                                                                                 | JPH                                                                                                                                                                                                                                                                     | 10.04.08     |
| A          | NEW ISSUE                                                                                                                              | JPH                                                                                                                                                                                                                                                                     | 10.03.16     |
| REV.       | DESCRIPTION                                                                                                                            | BY                                                                                                                                                                                                                                                                      | DATE         |
| DESIGN     | AJS                                                                                                                                    | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                |              |
| DRAWN      | AJS                                                                                                                                    | DRAWING NO.                                                                                                                                                                                                                                                             | REV. D       |
| CHECKED    | JP                                                                                                                                     | D4030                                                                                                                                                                                                                                                                   | SHEET 1 OF 4 |
| MFG. APPR. | JP                                                                                                                                     | TITLE                                                                                                                                                                                                                                                                   | SCALE        |
| APPROVED   | JP                                                                                                                                     | LONG BASKET ASSY (350)                                                                                                                                                                                                                                                  | NTS          |
| DE APPR.   | JP                                                                                                                                     | COPYRIGHT © 2010 BY DART AEROSPACE LTD<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD |              |
| DATE       | 13.07.18                                                                                                                               |                                                                                                                                                                                                                                                                         |              |

NOTES:  
1) MATERIAL: N/A  
2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: N/A  
6) IDENTIFICATION: N/A  
7) WEIGHT: 72 lbs APPROX

| ITEM | QTY | P/N           | DESCRIPTION                       |
|------|-----|---------------|-----------------------------------|
|      | X   | D4030-043     | LONG BASKET ASSY, LIGHT LID (350) |
| 1    | 1   | D2530         | HANDLE WELDMENT                   |
| 2    | 2   | D2535         | SPRING                            |
| 3    | 2   | D2537         | BUSHING                           |
| 4    | 1   | D3913-041     | LONG BASKET BASE ASSY (350)       |
| 5    | 1   | D3915-041     | LIGHT LID ASSY, LONG BASKET       |
| 6    | 6   | D3917-3       | WASHER                            |
| 7    | 2   | D3953-3       | GAS SPRING STUD, LID              |
| 8    | 2   | D3953-7       | GAS SPRING SPACER                 |
| 9    | 2   | D3953-9       | GAS SPRING WASHER                 |
| 10   | 2   | D3953-17      | GAS SPRING SPACER                 |
| 11   | 1   | D3953-19      | GAS SPRING BRACKET                |
| 12   | 1   | D3953-21      | GAS SPRING BRACKET                |
| 13   | 1   | D3969-3       | SPRING                            |
| 14   | 4   | AN3-14A       | BOLT                              |
| 15   | 2   | AN3-20A       | BOLT                              |
| 16   | 3   | AN4-12        | BOLT                              |
| 17   | 2   | AN5-17A       | BOLT                              |
| 18   | 2   | AN5-21A       | BOLT                              |
| 19   | 3   | AN310-4       | NUT, PLAIN, CASTELLATED           |
| 20   | 2   | AN310C4       | NUT, PLAIN, CASTELLATED           |
| 21   | 6   | MS21042L3     | NUT, SELF-LOCKING                 |
| 22   | 4   | MS21042L5     | NUT, SELF-LOCKING                 |
| 23   | 3   | MS24665-151   | COTTER PIN                        |
| 24   | 2   | MS24665-300   | COTTER PIN                        |
| 25   | 6   | NAS1149F0432P | WASHER                            |
| 26   | 4   | NAS1149F0563P | WASHER                            |
| 27   | 8   | NAS1149F0332P | WASHER                            |
| 28   | 2   | NAS1149C0432R | WASHER                            |



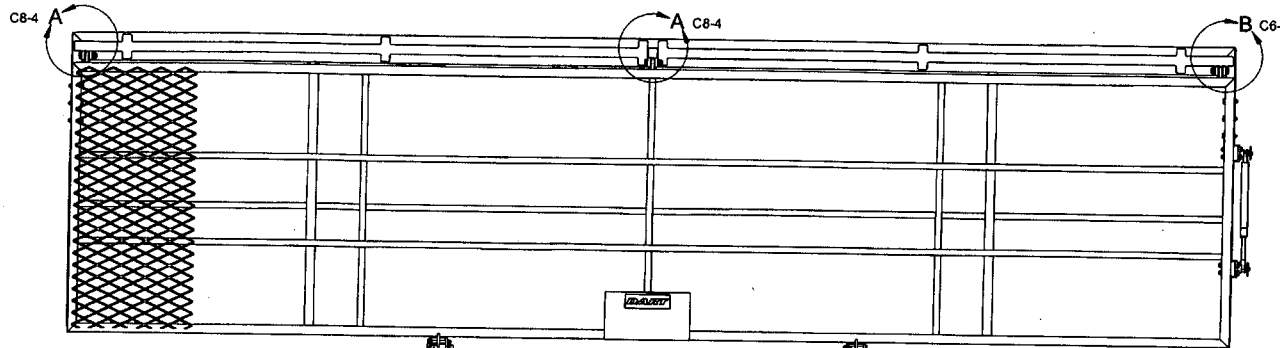
**D4030-043 LONG BASKET ASSY, LIGHT LID (350)**  
(MESH SHOWN LOCALLY FOR CLARITY)

**RELEASED**  
2013-08-16  
MP

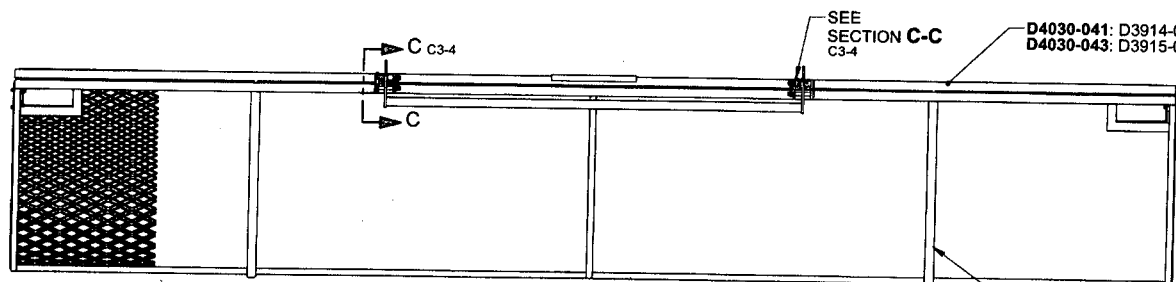
**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 57 lbs APPROX

|            |                    |                                                                                                                                                                                                                                                                                 |              |
|------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| DESIGN     | AJS                | <b>DART AEROSPACE LTD</b>                                                                                                                                                                                                                                                       |              |
| DRAWN      | AJS                | HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                                                     |              |
| CHECKED    | <i>[Signature]</i> | DRAWING NO.                                                                                                                                                                                                                                                                     | REV. D       |
| MFG. APPR. | <i>[Signature]</i> | D4030                                                                                                                                                                                                                                                                           | SHEET 2 OF 4 |
| APPROVED   | <i>[Signature]</i> | TITLE                                                                                                                                                                                                                                                                           | SCALE        |
| DE APPR.   | <i>[Signature]</i> | LONG BASKET ASSY (350)                                                                                                                                                                                                                                                          | NTS          |
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D2530  
HANDLE WELDMENT

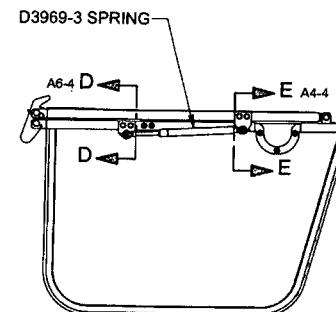


D4030-041: D3914-041 LID ASSY  
D4030-043: D3915-041 LIGHT LID ASSY

D3913-041  
LONG BASKET BASE ASSY

**D4030-041 LONG BASKET ASSY (350)** (SHOWN)  
(MESH SHOWN LOCALLY OR REMOVED FOR CLARITY)

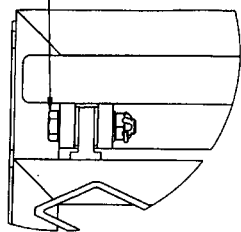
**D4030-043 SHORT BASKET ASSY, LIGHT LID (350)** (SIMILAR)  
(MESH SHOWN LOCALLY OR REMOVED FOR CLARITY)



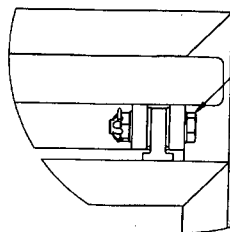
**RELEASED**  
2013-08-16

|            |          |                                                                                                                                                                                                                                                                             |        |
|------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| DESIGN     | AJS      | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                    |        |
| DRAWN      | AJS      |                                                                                                                                                                                                                                                                             |        |
| CHECKED    |          | DRAWING NO.<br><b>D4030</b>                                                                                                                                                                                                                                                 | REV. D |
| MFG. APPR. |          | TITLE                                                                                                                                                                                                                                                                       | SCALE  |
| APPROVED   |          | <b>LONG BASKET ASSY (350)</b>                                                                                                                                                                                                                                               | NTS    |
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| DATE       | 13.07.18 |                                                                                                                                                                                                                                                                             |        |

AN4-12 BOLT, MACHINE  
D3917-3 WASHER, 2X  
NAS1149F0432P WASHER, 2X  
AN310-4 NUT, CASTELLATED  
MS24665-151 COTTER PIN



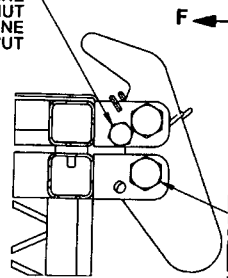
**DETAIL A** D8-3  
D5-3



**DETAIL B** D3-3

AN4-12 BOLT, MACHINE  
D3917-3 WASHER, 2X  
NAS1149F0432P WASHER, 2X  
AN310-4 NUT, CASTELLATED  
MS24665-151 COTTER PIN

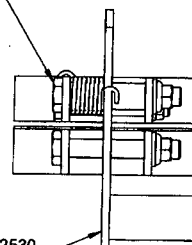
D4030-041: AN3-16A BOLT, MACHINE  
MS21042L3 NUT  
D4030-043: AN3-20A BOLT, MACHINE  
MS21042L3 NUT



**SECTION C-C** B4-3  
B6-3

D4030-041: AN5-17A BOLT, MACHINE  
D2537 BUSHING  
D2535 SPRING  
NAS1149F0563P WASHER  
MS21042L5 NUT  
D4030-043: AN5-21A BOLT, MACHINE  
D2537 BUSHING  
D2535 SPRING  
NAS1149F0563P WASHER  
MS21042L5 NUT

AN5-17A BOLT, MACHINE  
NAS1149F0563P WASHER  
MS21042L5 NUT



**VIEW F-F** C3-4

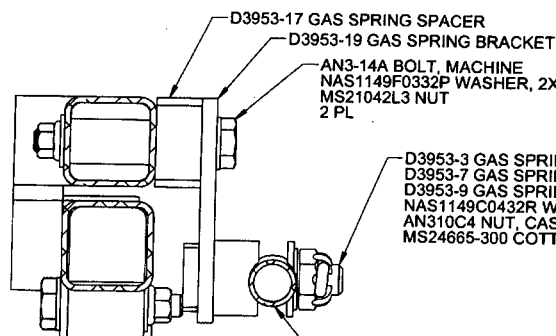
D2530  
HANDLE WELDMENT  
REF

D3953-17 GAS SPRING SPACER  
D3953-21 GAS SPRING BRACKET  
AN3-14A BOLT, MACHINE  
NAS1149F0332P WASHER, 2X  
MS21042L3 NUT  
2 PL

D3953-3 GAS SPRING STUD, LID  
D3953-7 GAS SPRING SPACER  
D3953-9 GAS SPRING SPACER  
NAS1149C0432R WASHER  
AN310C4 NUT, CASTELLATED  
MS24665-300 COTTER PIN

D3969-3 SPRING  
REF

**SECTION D-D** B2-3



**SECTION E-E** B1-3

D3953-17 GAS SPRING SPACER  
D3953-19 GAS SPRING BRACKET  
AN3-14A BOLT, MACHINE  
NAS1149F0332P WASHER, 2X  
MS21042L3 NUT  
2 PL  
D3953-3 GAS SPRING STUD, LID  
D3953-7 GAS SPRING SPACER  
D3953-9 GAS SPRING SPACER  
NAS1149C0432R WASHER  
AN310C4 NUT, CASTELLATED  
MS24665-300 COTTER PIN

D3969-3 SPRING  
REF

**RELEASED**  
2013-08-16  
M/D

|            |             |                                                                                                                                                                                                                                                                             |              |
|------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| DESIGN     | AJS         | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                    |              |
| DRAWN      | AJS         |                                                                                                                                                                                                                                                                             |              |
| CHECKED    | [Signature] | DRAWING NO.                                                                                                                                                                                                                                                                 | REV. D       |
| MFG. APPR. | [Signature] | D4030                                                                                                                                                                                                                                                                       | SHEET 4 OF 4 |
| APPROVED   | [Signature] | TITLE                                                                                                                                                                                                                                                                       | SCALE        |
| DE APPR.   | [Signature] | LONG BASKET ASSY (350)                                                                                                                                                                                                                                                      | NTS          |
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